

***Cymopterus ripleyi* Barneby (1941) var. *ripleyi*****RIPLEY BISCUITROOT****FAMILY:** *Apiaceae*, the carrot family.**SYNONYMS:** *Cymopterus ripleyi***STATUS:****Heritage Program WATCH LIST, ranks: G3G4 T2?Q S2?****USFWS/ESA:** none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** none.**POPULATION CENSUS (NEVADA):** 15 occurrences mapped; total estimated individuals unknown, total estimated area 3.7+ ha (9.1+ ac). **TREND:** unknown.**IMPACTS AND MAJOR THREATS (NEVADA):** No summary available (see references).**INVENTORY EFFORT (NEVADA):** Not yet systematically surveyed in Nevada. Most recent entered survey 1993, average year of last survey 1979. **Years since last entered survey** (percent of mapped records at various survey ages): **6-10 yrs:** 20%; **11-20 yrs:** 33.3%; **21-30 yrs:** 33.3%; **31-50 yrs:** 6.7%; **51+ yrs or unknown:** 6.7%.**LAND MANAGEMENT (NEVADA)** in decreasing predominance: U. S. Bureau of Land Management, U. S. Department of Energy, U. S. Department of Defense (?), Nevada state lands (?), U. S. Fish and Wildlife Service (?), Humboldt-Toiyabe National Forest (?).**RANGE:** Esmeralda (?), Lincoln (?), and Nye counties, Nevada; also in CA. Maximum Nevada **range dimension 187.0 km (116.2 mi)** excluding most disjunct record. **Type specimen** collected in Nye County.**ELEVATIONS RECORDED (NEVADA):** 4380-5980 feet (1335-1823 meters).**HABITAT (NEVADA):** Deep loose sandy soils of stabilized dunes, dune skirt areas, aeolian deposits, and alluvial drainage areas in the shadscale, sagebrush, and lower pinyon-juniper zones with *Atriplex confertifolia*, *A. canescens*, *Psoralea polydenia*, *Achnatherum hymenoides*, *Tetradymia*, *Astragalus callithrix*, *Sarcobatus vermiculatus*, *Chrysothamnus*, *Grayia*, etc. Dependent on sand dunes or deep sand in Nevada.**PHENOLOGY:** flowering spring. Range of most frequent **survey months:** April-June.**LIFE-FORM AND HABIT:** small perennial herb from a buried root crown.**DESCRIPTION:** not available (see references).**PHOTOGRAPHS:** Blomquist et al. (1995), Knight and Smith (1995).**ILLUSTRATIONS:** Cronquist et al. (1997).**OTHER GENERAL REFERENCES** (listed separately): Beatley (1976), Hickman (1993).**SPECIFIC REFERENCES:**Barneby, R. C. 1941. A new species of *Cymopterus* from Nevada. *Leaflets of Western Botany* 3: 81-83.**OF FURTHER INTEREST:** The varieties of *Cymopterus ripleyi* were not recognized in the Jepson Manual (Hickman 1993) or in Intermountain Flora (Cronquist et al. 1997). The known occurrences still exhibit some segregation in geography, elevation, and habitat, however, and are provisionally maintained as distinct by the Nevada Natural Heritage Program pending further study.